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Mileski et al.

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(54) **WIRELESS UNDERWATER VIDEO SYSTEM**

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(57) **ABSTRACT**

A Wireless Underwater Video System for obtaining live video/audio data to profile a designated area of an ocean bottom is described. The system includes a video camera enclosed in a water tight housing which produces video and audio signals which are transmitted to a transmitting buoy having a power source, electronics for conditioning the video/audio signals and a position stabilizer. The conditioned video signals are then transmitted from the buoy to an observer on a platform over a radio frequency link.

8 Claims, 2 Drawing Sheets

